

**ABSTRACT**

In a remote monitoring system, a supervision terminal, 37, monitors the status of the communication link, 32, 34, 36, between the supervision terminal and each of a plurality of remote terminals, 33, connected to the supervision terminal via a data  
5 network, 35. The remote terminals may be used to emulate a line interface for monitor devices such as fire alarms, 31, while providing continual assurance of the integrity of the link between the supervision terminal and the alarm.